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| APPLICATION NO.                         | FILING DATE | FIRST NAMED INVENTOR  | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|-----------------------|---------------------|------------------|
| 10/564,945                              | 01/09/2007  | Katherine Weilbaecher | 60005161-0217       | 4085             |
| 71902                                   | 7590        | 05/29/2009            | EXAMINER            |                  |
| WASHINGTON UNIVERSITY-SNR               |             |                       | RAO, SAVITHA M      |                  |
| C/O SONNENSCHEIN NATH & ROSENTHAL L.L.P |             |                       | ART UNIT            | PAPER NUMBER     |
| P.O. BOX 061080                         |             |                       | 1614                |                  |
| WACKER DRIVE STATION , SEARS TOWER      |             |                       |                     |                  |
| CHICAGO, IL 60606                       |             |                       |                     |                  |
|   |             |                       | MAIL DATE           | DELIVERY MODE    |
|   |             |                       | 05/29/2009          | PAPER            |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

|   |                        |                     |
|---|------------------------|---------------------|
| <b>Advisory Action<br/>Before the Filing of an Appeal Brief</b> | <b>Application No.</b> | <b>Applicant(s)</b> |
|   | 10/564,945             | WEILBAECHER ET AL.  |
|   | <b>Examiner</b>        | <b>Art Unit</b>     |
|   | SAVITHA RAO            | 1614                |

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 18 May 2009 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1.  The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a)  The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.
- b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### NOTICE OF APPEAL

2.  The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

#### AMENDMENTS

3.  The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because

- (a)  They raise new issues that would require further consideration and/or search (see NOTE below);
- (b)  They raise the issue of new matter (see NOTE below);
- (c)  They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d)  They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: The amended claims 13 submitted on 5/18/2009 adds new limitations that ultimately change claim scope and would require new searching and new rejections. Specifically, the newly added limitations "in an amount effective to inhibit the ability of the bone microenvironment ..... microenvironment" adds in the new limitation that the amount administered has to be shown to be effective to inhibit the ability of the bone environment to support metastatic migration where as in the previously submitted claim 13 dated 01/02/2009 the amount administered is just the therapeutically effective amount of the antagonist. Additionally, the new limitation "in an amount effective to inhibit the ability of the bone microenvironment ..... microenvironment" raises the issue of new matter since nowhere in the disclosure is this limitation explicitly recited. (See 37 CFR 1.116 and 41.33(a)).

4.  The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.

6.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7.  For purposes of appeal, the proposed amendment(s): a)  will not be entered, or b)  will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 13-16, 18-21, 23-24.

Claim(s) withdrawn from consideration: 1-12 and 25-42.

#### AFFIDAVIT OR OTHER EVIDENCE

8.  The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9.  The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10.  The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

#### REQUEST FOR RECONSIDERATION/OTHER

11.  The request for reconsideration has been considered but does NOT place the application in condition for allowance because: \_\_\_\_\_.

12.  Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). \_\_\_\_\_

13.  Other: \_\_\_\_\_.

/Ardin Marschel/  
Supervisory Patent Examiner, Art Unit 1614

/SAVITHA RAO/  
Examiner, Art Unit 1614

U.S. Patent and Trademark Office  
PTOL-303 (Rev. 08-06)

**Advisory Action Before the Filing of an Appeal Brief**

Part of Paper No. 20090526

Does NOT place the application in condition for allowance because: The amended claims 13 submitted add new limitations that ultimately change claim scope and would require new searching and new rejections. Specifically, the newly added limitations " in an amount effective to inhibit the ability of the bone microenvironment ..... microenvironment" adds in the new limitation that the amount administered has to be shown to be effective to inhibit the ability of the bone environment to support metastatic migration where as in the previously submitted claim 13 dated 01/02/2009 the amount administered is just the therapeutically effective amount of the antagonist. Additionally, the new limitation " in an amount effective to inhibit the ability of the bone microenvironment ..... microenvironment" raises the issue of new matter since nowhere in the disclosure is this limitation explicitly recited.

Applicants arguments in response to the final rejection mailed on 03/16/2009 has been considered but are deemed unpersuasive. Not considering the newly amended claim 13 set forth in the response of 05/18/2009 since it will not be entered into the record, none of the arguments presented by the Applicant has been found to be persuasive because they are directed to the proposed amended claims.